

The following Listing of Claims replaces all prior listings, and versions, of claims in the subject patent application.

Listing of Claims:

1-13 (Canceled).

14 (Currently amended). A printhead assembly comprising:

a printhead arranged to print on an image-receiving substrate;

a platen;

a support;

a first frame slideably connected to said support, one of said printhead and said platen being mounted on said first frame and the other of said printhead and said platen being connected to said support;

a driver for driving said first frame relative to said support to cause the one of said printhead and platen to move in a linear direction toward the other; and

a compressor arranged to exert a biasing force on one of said printhead and said platen, when said driver drives said first frame relative to said support,

wherein the compressor is connected between one of: the first frame and said one of said printhead and platen; and the support and said other of said printhead and platen.

15 (Canceled).

16 (Currently amended). The printhead assembly of claim 14 comprising a second frame, the other [[one]] of the printhead and platen being mounted on said second frame.

17 (Canceled).

18 (Previously presented). The printhead assembly of claim 14 comprising a third frame slideably connected to said support wherein the compressor is connected between said first and third frames.

19 (Currently amended). The printhead assembly of claim 18 wherein the driver is configured to drive ~~[[drives]]~~ said third frame together with said first frame, relative to said support.

20 (Currently amended). The printhead assembly of claim 18 wherein, when the printhead is mounted on the first frame, the driver is ~~arranged~~ configured to drive the third frame toward the first frame when said print head abuts the image-receiving substrate, causing the compressor to be compressed.

21 (Previously presented). A printhead assembly of claim 16 wherein, when the printhead is mounted on the first frame, driving the first frame relative to the support causes the compressor to be compressed when the print head abuts said image-receiving substrate.

22 (Previously presented). A printhead assembly comprising:
a printhead arranged to print on an image-receiving substrate;
a platen;
a support;

a first frame slideably connected to said support, one of said printhead and said platen being mounted on said first frame; and

a driver for driving said first frame relative to said support in accordance with information stored with said image receiving substrate, to cause the one of said printhead and platen to move in a linear direction toward the other.

23 (Currently amended). A printer comprising:

an input device for inputting data

a printhead arranged to print on an image-receiving substrate;

a platen;

a support;

a first frame slideably connected to said support, one of said printhead and platen being mounted on said first frame and the other of said printhead and said platen being connected to said support;

a driver for driving said first frame relative to said support to cause the one of said printhead to move in a linear direction toward the other; and

a compressor arranged to exert a biasing force on one of said printhead and said platen, when said driver drives said first frame relative to said support,

wherein the compressor is connected between one of: the first frame and said one of said printhead and platen; and the support and said other of said printhead and platen.

24 (Currently amended). A printer of claim 23, wherein the driver is configured to drive the first frame [[is-driven]] to a predetermined position relative to said support in accordance with said input data.

25 (Currently amended). A method of controlling a printhead assembly comprising:
a printhead arranged to print on an image-receiving substrate;
a platen;
a support;
a first frame slideably connected to said support, one of said printhead and said platen being mounted on said first frame and the other of said printhead and said platen being connected to said support; and

a compressor arranged to exert a biasing force on one of said printhead and said platen, wherein the compressor is connected between one of: the first frame and said one of said printhead and platen; and the support and said other of said printhead and platen,

wherein said method comprises the step of driving said first frame relative to said support to cause the one of said printhead and said platen to move in a linear direction toward the other to a predetermined position, and said compressor exerting a biasing force on one of said printhead and said platen [[wherein]] when said first frame is driven relative to said support.

26. (New) A method of claim 25, wherein the driving comprises driving said first frame relative to said support to a predetermined position.

27. (New) A method of claim 25, wherein the driving comprises driving said first frame relative to said support in accordance with information stored with said image-receiving substrate.
28. (New) A printhead assembly of claim 14 wherein the driver is for driving said first frame relative to said support in accordance with information stored with said image-receiving substrate.
29. (New) A printhead assembly of claim 14 wherein the driver is for driving said first frame relative to said support in accordance with information inputted through an input device.
30. (New) A printhead assembly of claim 14 wherein the driver is for driving said first frame relative to said support to a predetermined position.
31. (New) A printhead assembly of claim 22 wherein the information is stored on an electronic tag or chip, or as a barcode.
32. (New) A printhead assembly of claim 22 wherein the information specifies at least one of the pressure required to print on the image-receiving substrate, the thickness of the substrate or, where the driver comprises a motor, a value indicating the number of rotations of the motor necessary for printing on the image-receiving substrate.

33. (New) A printhead assembly of claim 22, comprising a microprocessor configured to detect the information stored with said image receiving substrate and to consult a look up table to determine the distance to drive the first frame relative to the support.

34. (New) A method of controlling a printhead assembly comprising:
a printhead arranged to print on an image-receiving substrate;
a platen;
a support; and
a first frame slideably connected to said support, one of said printhead and said platen being mounted on said first frame;
wherein said method comprises driving said first frame relative to said support in accordance with information stored with said image-receiving substrate, to cause the one of said printhead and said platen to move in a linear direction toward the other.